

Supercharged Jaguar/Range Rover Performance Products



Upper Pulleys 3.0L/4.0L/4.2L/5.0L from £185.00

Supercharger upper pulleys with either 6%, 7.5% or 10% supercharger speed increase, equating to approximately 1.5/2.5psi boost rise and 25/35bhp improvement at midrange. Machined in 304 grade stainless steel, CNC turned to a superb finish, with a 0.01mm inner bore tolerance to ensure reliable shaft fitment. Please ask for specific model details.

Lower Pulley Kits from £236.00

We produce lower pulleys from high grade billet aluminium with appealing aesthetic finish and good resistance to oxidation. Lower pulleys offer significant power increases and can be used alone or in conjunction with upper pulleys for maximum power output. When using both upper and lower pulleys together it is recommended that you upgrade the intercooler. Please ask for specific model details.



Intercooler Radiators from £550.00

Quality welded aluminium units with a wider core and significantly deeper side tanks, solving intercooling issues associated with tuned / modified supercharged cars. These items are a bolt-out, bolt-in replacement for the factory intercooler radiator. Please ask for specific model details.

Supercharger Oil Change Kits from £24.00

Essential supercharger oil change kits, including oil, syringe/tube and instructions.



Supercharger Rebuild kits and Couplers from £38.00

We supply bearing and seal rebuild kits for all Eaton superchargers and OEM Eaton sprung couplers and our upgraded solid couplers for high performance applications.



Workshop Services, Performance Tuning & Remapping

Here at **Powerhouse** we also offer onsite supercharger repair and rebuild services along with fitment of our performance parts and ECU remapping to get the most out of your car, maximising power, torque and drivability.

As with all our products please feel free to ask for specific model details.

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Installing Your Jaguar XJR-6 4.0 Lower Pulley

*Please read through these instructions before starting the job.
It is relatively straightforward, but best to apply care!*

1. **Tools Required.** Unlike on V8 models, no special tools are required.
2. **Drive belt.** Remove the drive belts - the tensioners are quite tight and strong. You will fit a new supercharger drive belt with your upgraded pulley, but now is also a good time to inspect your other belts for cracks – if either looks old and worn, this would be a good time to replace. Also, spin each of your tensioner and idler pulleys by hand and feel for any roughness in the bearings – they are not cheap to replace but if the bearings are rumbling you really, really don't want them to drop off later as that can become expensive, so take the opportunity to change them now if required.
3. **Pulley Replacement.** Once the belts are out of the way, just four M8 bolts hold the front pulley drive section of the standard crank damper assembly in place. It is just a case of undoing 4 screws, swapping the pulleys and bolting back together. Do use some light duty thread lock, such as Loctite 243 (not bearing fit or studlock), and torque to normal Jaguar specification.
4. **Clearance Issues.** The pulley size has been optimised to take full advantage of available space. On most cars, it will go straight in without any other tweaks. On some there are two issues to watch out for:
 - a. In some cases, it can be difficult to remove/replace the belt without also removing the pulley front section. On cars where this is a problem, fitting a spacer to the engine mount cures the issue. Alternatively, accept undoing 4 bolts and removing the pulley when belt changes are needed.
 - b. If the air con belt is getting a little tired its tensioner may touch the larger new pulley. Replacement with a new air con belt should cure this, though even better a belt shorter by 1cm can be fitted (easily ordered from motor factors).
5. **Enjoy.** These modifications offer superb bhp for money – your car will feel transformed with a huge increase in midrange. One customer described it as having another litre capacity under the bonnet!

Thank you for buying from POWERHOUSE